

## TECHNICAL DATA SHEET

### Pearlescent Pigment ChemTech CT45BV

TDS Ref.: CT45BV\_TDS  
Version: 1.0

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#### SPECIFIC PRODUCT DATA

|                                          |                    |
|------------------------------------------|--------------------|
| Appearance                               | Powder             |
| Colour / Effect                          | Blue-Violet-Purple |
| Material type                            | Artificial mica    |
| Particle size (D10 - D90), $\mu\text{m}$ | 10 – 45            |
| Density, $\text{g/cm}^3$                 | 2.4 – 3.0          |
| Bulk density, $\text{g/100ml}$           | 27 – 35            |
| pH 10% aqueous slurry                    | 7 – 11             |
| Oil absorption, $\text{g/100g}$          | 65 – 80            |
| Shelf life after inspection date         | Unlimited term     |

#### COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredient name           | Identifiers         | %       |
|---------------------------|---------------------|---------|
| Silicon dioxide           | CAS-No.: 7631-86-9  | 43 – 53 |
| Synthetic fluorphlogopite | CAS-No.: 12003-38-2 | 33 – 47 |
| Titanium dioxide          | CAS-No.: 13463-67-7 | 7 – 12  |
| Tin dioxide               | CAS-No.: 18282-10-5 | 1 – 2   |

#### DESCRIPTION

Artificial mica flakes coated with multiple layers of metal oxides.

Non-toxic. Chemically resistant in water and other solvents. Good light stability enables indoor and outdoor application.

The pigment is suitable for various industrial applications. Its concentration depends on an application type and desired effect. The most visible result can be achieved in a transparent and glossy system.

The pigment can be used in combination with other effect materials and colourants.

For more precise recommendations, please contact ChemTech team member.

Standard packaging is a 25 kg carton box with an inner plastic bag. Customised packaging is available.

Pearlescent pigment should be stored in the original tightly sealed shipping packaging in dry conditions.

#### ADDITIONAL INFORMATION

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